## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE         |
|---------------------------|----------|--------|--------------|
|                           |          |        |              |
| FEE DETERMINATION         | 7.       |        |              |
| O.I.P.E. CLASSIFIER       | 14       | 45     | 715          |
| FORMALITY REVIEW          |          |        | 1            |
| RESPONSE FORMALITY REVIEW | C.S.W.   |        | 095ept, 2000 |
|                           |          |        |              |

## **INDEX OF CLAIMS**

| ., | Rejected                   | N | Non-elected  |
|----|----------------------------|---|--------------|
|    | Allowed                    | 1 | Interference |
|    | (Through numeral) Canceled |   | Appeal       |
|    | Restricted                 | 0 | Objected     |

|          |          |        |  |          |          |   |   | ÷            | •      | ••• | •••    | ••• | ••• | • • • •  | •••          | •••    | •••••    |
|----------|----------|--------|--|----------|----------|---|---|--------------|--------|-----|--------|-----|-----|----------|--------------|--------|----------|
| Cla      | im.      | _      |  | _        |          | - | - | Da           | te     |     |        |     |     | _        |              | _      | ٦        |
| Cia      | 1611     | 7      | PS I   | _        | 7        | - | Ť |              | Ť      |     | Ī      |     | _   | Т        | _            | Γ      | 1        |
| _        | Driginal | 1-11-Q | 2  |          | ١        |   | ļ |              | l      |     |        |     |     | 1        |              |        |          |
| Final    | Ę        | á      | Ø  |          |          |   | İ |              | ١      |     | l      |     |     | 1        |              |        |          |
| -        | ñ        |        | 4  | _        | 1        | _ | † | _            | t      |     | t      |     | Т   | 7        |              | Г      | 7        |
| -        | 1        | 5      | -  | H        | 7        | _ | + |              | t      |     | t      | _   |     | +        | _            | r      | ┪        |
| -        | 1        |        | <u>_</u>                                     | H        | +        | - | + |              | t      | _   | t      | -   | -   | †        | _            | H      | 7        |
| _        | -}       |        | ┝  | L        | +        | - | + |              | +      | -   | H      |     | H   | ╅        | _            | ┞      | ┨        |
|          | 4        | -      | $\vdash$                                     | ┝        | +        | - | + |              | +      | _   | t      | -   | ┝   | +        |              | H      | ┪        |
| -        | -        | V      |  | H        | $\dashv$ | - | + | _            | ╁      |     | t      |     | -   | +        | _            | t      | 1        |
|          | 4        | 1      | <u>-</u>                                     | ┝        | ┥        | - | + | _            | +      | _   | t      | -   | H   | +        | _            | t      | +        |
|          | 4        | V      | ┢  | ┝        | 4        | - | + | -            | +      | _   | t      | _   | ┝   | +        | _            | H      | 1        |
|          | 4<br>(9) | シン     | <u> </u>                                     | ┝        | ┥        |   | + | •            | $^{+}$ |     | t      | -   | -   | +        | _            | t      | ┨        |
| _        | -        |        | <del>/</del> —                               | H        | -        | - | + |              | +      | -   | +      |     | H   | 1        | _            | t      | ┪        |
|          | 10       |        | <del>/</del>                                 | ┝        | $\dashv$ |   | + | _            | +      |     | $^{+}$ | _   | ┢   | +        |              | t      | ┪        |
|          | -1       | Ľ      | <del> </del>                                 | ┞        | -        | _ | + |              | +      |     | +      |     | ┝   | $\dashv$ | _            | t      | ┨        |
| -        | 19<br>18 | 1      |  | ╀╌       | 4        | _ | + |              | +      | _   | +      | -   | +   | ┥        |              | +      | $\dashv$ |
| <u> </u> | _        | -      | <del> </del> —                               | $\vdash$ | -        | - | 4 | _            | +      |     | +      | _   | H   | 4        |              | t      | $\dashv$ |
| <u> </u> | 华        |        | <b>}</b>                                     | ┞        | -        |   | 4 | _            | +      | _   | +      | _   | ┝   | $\dashv$ | _            | ╁      | ᅱ        |
| <u> </u> | 15       | Y      | <b>)</b> —                                   | ╀        | _        | L | 4 | -            | +      |     | +      | _   | ╀   | _        |              | +      | $\dashv$ |
|          | 16       | 1      | Y  | ╀        |          | ŀ | - | _            | 4      |     | +      | -   | ╀   | -        | ┢            | ╁      | $\dashv$ |
| -        | 147      | ₩,     | 1.   | ╀        |          | ┞ | 4 | -            | -      | _   | +      | _   | ╀   | -        | ┝            | $^{+}$ | ┥        |
|          |          |        | V  | ╀        |          | H | 4 | _            | 4      | _   | +      | _   | ╁   | _        | ┝            | +      | ᅱ        |
| <u> </u> | 19       |        | ~  | L        | _        | Ļ | _ | L            | 4      | _   | 4      | _   | +   | _        | ⊢            | +      | 4        |
| _        | 20       |        | ~  |          | _        | L |   | L            | _      | _   | 4      | _   | ļ   | _        | L            | 4      | $\dashv$ |
|          | 21       |        | <u>                                     </u> | 1        | _        | L | _ | L            |        | _   | 4      | _   | 1   | _        | Ļ            | +      | $\dashv$ |
| _        | 22       |        | <u> ~</u>                                    | 1        |          | L | _ | L            | _      | _   | 4      | _   | ļ   | _        | L            | 4      | 4        |
| L        | 23       |        | ᆚ.   | 1        | _        | L |   | L            | _      | L   | 4      |     | 4   |          | L            | +      | _        |
|          | 24       |        | 丄  | 1        |          | Ļ |   | L            | _      | L   | 4      | _   | +   |          | ╀            | +      | $\dashv$ |
| L        | 25       |        | $\perp$                                      | 1        |          | L | _ | L            |        | L   | 4      | _   | ļ   |          | 1            | 4      | $\dashv$ |
| L        | 26       |        | 1_   | 1        | _        | Ļ | _ | Ļ            |        | -   | _      | _   | 4   |          | Ļ            | +      | -1       |
| ╙        | 27       |        | 1  | 4        | _        | ļ | _ | L            | _      | L   | _      | _   | +   |          | ╀            | +      | -        |
| L        | 28       |        | 1_   | 1        | _        | 1 | _ | Ļ            |        | -   | _      | L   | 4   |          | ╀            | 4      | _        |
| L        | 29       | _      | 1_   | 1        | _        | ļ | _ | Ļ            | _      | Ļ   | _      | L   | 4   | _        | <del> </del> | 4      |          |
| L        | 30       |        | $\perp$                                      | 1        | _        | 1 |   | Ļ            | _      | L   | _      | L   | 4   |          | ╀            | 4      |          |
| $\perp$  | 3        |        | ┷  | 1        |          | 1 | _ | ļ            | _      | L   | _      | L   | 4   | _        | ╄            | 4      |          |
| L.       | 3        | _      |  | 4        | _        | ļ |   | Ļ            |        | Ļ   |        | -   | 1   |          | ↓            | 4      | _        |
| L        | 3        |        | 丄  | 1        |          | 1 |   | 1            |        | Ļ   | _      | _   | 4   | _        | +            | 4      |          |
|          | 3        | _      | 4  | 4        |          | 1 | _ | $\downarrow$ |        | 1   | _      | 1   | 4   |          | Ŧ            | 4      | _        |
| L        | 3        |        | $\perp$                                      | 1        |          | 1 | _ | ļ            |        | 4   |        | L   | 4   | _        | +            | 4      | _        |
| L        | 3        |        | 4  | 4        | _        | 1 |   | 1            | _      | Ļ   | _      | ┞   | 4   | _        | +            | 4      | _        |
| L        | 3        |        | 4  | Ц        | _        | 4 | _ | 1            |        | ╀   | _      | 1   | 4   | _        | +            | _      |          |
| L        | 3        |        | $\perp$                                      | _        | _        | 4 |   | 4            | _      | +   | _      | Ļ   | 4   | _        | +            | 4      |          |
| _        | 3        |        | 4  | 4        | _        | 4 | _ | 1            |        | 1   | _      | L   | 4   |          | +            | _      | -        |
| L        | 4        | 0      | 1  |          |          | 1 |   | 1            | _      | 1   |        | L   |     | _        | 1            | _      | <u>_</u> |
|          |          | 1      | J  |          | Ĺ        |   |   |              |        | Ī   |        | L   |     |          | 1            |        |          |
| Γ        | 4        | 2      | _  |          |          | 1 |   | Ţ            |        | Ι   |        | Ĺ   |     |          |              | _      | _        |
|          | 4        | 3      | $\neg$                                       |          |          | _ | L | Ι            |        | Ţ   |        |     |     |          |              |        | Ĺ        |
|          | 1        | 14     | T  |          |          |   |   | 1            |        | T   |        | Γ   |     |          | T            | _      | Ĺ        |
| +        |          | 5      | 十  | _        | Γ        | ٦ | Г | 1            |        | _   | _      | Ţ   |     |          | 1            |        |          |
|          | -        | 6      | 十  |          | Г        |   | Γ | 1            |        | 1   |        | Ţ   | _   | Γ        |              |        |          |
| r        | _        | 17     | $\top$                                       |          | T        | T | Γ | 7            |        | 7   |        | T   | _   | Γ        | 1            |        | Γ        |
| 十        | _        | 18     | +  | _        | t        |   | Г | 7            |        | †   | _      | Ť   | _   | T        | 7            |        | Γ        |
| T        | _        | 19     | 十  |          | T        |   | Τ | ┪            | _      | 1   | _      | T   |     | Γ        | 7            | _      | Γ        |
| r        | _        | 50     | $\dashv$                                     | _        | T        | _ | T | 7            | _      | 7   | _      | İ   |     | Γ        |              |        |          |

| Claim Date |          |          |                     |                    |                |              |              |          |          |                    |  |  |
|------------|----------|----------|---------------------|--------------------|----------------|--------------|--------------|----------|----------|--------------------|--|--|
| Cla        | im       | _        | _                   | т –                | Dai            | e<br>T       |              | -        | _        | $\dashv$           |  |  |
| Final      | Original |          |                     |                    |                |              |              |          |          |                    |  |  |
|            | 51       | $\perp$  |                     | _                  | _              |              |              | 4        | _ _      | _                  |  |  |
|            | 52       |          | Ţ.                  | L                  |                |              |              | 4        | _ -      | 4                  |  |  |
|            | 53       | ┸        | 1_                  | ļ                  |                |              |              | 4        | _ _      | 4                  |  |  |
|            | 54       | $\bot$   | ╀-                  | <b>↓</b> _         | <del> </del>   | -            | -            | +        | +        | 4                  |  |  |
| _          | 55       |          | ╄-                  | ╀                  | ├              | H            | $\vdash$     | -+       | +        | $\dashv$           |  |  |
|            | 56       | -        | +-                  | ┼-                 | <del> </del> − | -            | $\dashv$     | $\dashv$ | -+       | $\dashv$           |  |  |
| _          | 57<br>58 | +        | ╁                   | ┼-                 | -              |              | -1           | $\dashv$ | +        | $\dashv$           |  |  |
| _          | 59       | +        | +                   | +-                 | ┢              | ┢            |              | -+       | 十        | 7                  |  |  |
| _          | 60       | +        | +-                  | +-                 | ┼-             | $\vdash$     | $\vdash$     | ⇉        | $\top$   | ┪                  |  |  |
| _          | 61       | +        | +                   | 1                  | 1-             | 1            |              | 寸        | 7        | ٦                  |  |  |
|            | 62       | +        | $\top$              | T                  | T              |              |              | $\neg$   | T        |                    |  |  |
|            | 63       | $\top$   | $\top$              | $\top$             | T              | Ι_           |              |          |          |                    |  |  |
| _          | 64       | T        | 1                   |                    | $\Box$         |              |              |          |          |                    |  |  |
|            | 65       | I        |                     | L                  |                | L            | Ш            | _        | $\perp$  | _                  |  |  |
|            | 66       | $\perp$  | $\perp$             | $\perp$            | $\downarrow$   | ↓            | _            |          | _+       | ᅴ                  |  |  |
|            | 67       |          | 4-                  | ↓                  | ╁-             | 丰            | Ŀ            | $\dashv$ | $\dashv$ | -                  |  |  |
| L          | 68       | _        | $\bot$              | 4_                 | 4-             | ┼-           | <b>↓</b> -   | $\dashv$ | $\dashv$ | $\dashv$           |  |  |
| _          | 69       | _        | +                   | +                  | +              | -            | <del> </del> | $\dashv$ |          | {                  |  |  |
| _          | 70       |          |                     | 4-                 | ļ              | <del> </del> | -            | Ш        |          | $\dashv$           |  |  |
| L          | 71       | 4        | +-                  | ╁                  | +              | ╂            | +-           |          | $\dashv$ | $\dashv$           |  |  |
| L          | 72<br>73 | -+       | - -                 | ╁                  | +-             | +            | ╁╾           | -        | ┝╌┤      | $\dashv$           |  |  |
| $\vdash$   | 74       | +        | ╌                   | ╁                  | +-             | +            | +            | _        | -        | -                  |  |  |
| $\vdash$   | 75       | +        | +                   | ╁                  | ╁              | +-           | ╁╌           | $\vdash$ | 一        | $\dashv$           |  |  |
| $\vdash$   | 76       | -        | +                   | +                  | 十              | ╁            | †-           |          | H        | ╗                  |  |  |
| $\vdash$   | 77       | _        | $\vdash$            | T                  | $\top$         | $\top$       | 1            |          | П        |                    |  |  |
|            | 78       | $\top$   | 1                   | 1                  |                | T            |              |          |          |                    |  |  |
| Γ          | 79       | 7        |                     |                    |                |              |              |          |          |                    |  |  |
|            | 80       |          |                     |                    |                |              | L            | L        | Ш        |                    |  |  |
|            | 81       |          |                     | _ _                | _              | Щ.           | 1_           | 1_       | $\sqcup$ |                    |  |  |
|            | 82       | _        | _                   | $\perp$            | 4              | 4-           | _            | ┡        | H        | -                  |  |  |
| L          | 83       | -        |                     | +                  | -              | - -          | -            | ╁        | $\vdash$ | _                  |  |  |
| $\vdash$   | 84       |          |                     | +                  | +              | ╀            | +-           | ╀╌       | ╁        | <u> </u>           |  |  |
| $\vdash$   | 85<br>86 | $\dashv$ | +                   |                    | +              | +            | ╁            | ╁╌       | $\vdash$ |                    |  |  |
| $\vdash$   | 87       | $\vdash$ | +                   | +                  | +              | +            | +            | ╁        | ╁        | <u> </u>           |  |  |
| $\vdash$   | 88       | $\vdash$ | +                   | +                  | +              | ╅╴           | T            | ╁        | $\vdash$ | ┢                  |  |  |
| <u> </u>   | 89       | H        | 寸                   | 寸                  | ┪              | 十            | $\top$       | 1        | T        |                    |  |  |
| t          | 90       | П        | 寸                   | T                  | _              | 1            |              |          | Т        | Г                  |  |  |
| r          | 91       | $\Box$   | 十                   | +                  | $\top$         | $\top$       | 1            | Τ        | 1        | Γ                  |  |  |
| 1          | 92       | $\vdash$ | _                   | $\top$             | +              | 十            | $\top$       | T        | T        |                    |  |  |
|            | 93       | $\vdash$ |                     | $\dashv$           | 1              | _            |              | Ι        | I        |                    |  |  |
| T          | 94       | -        | _1                  |                    |                | T            |              |          |          |                    |  |  |
| ۲          | 95       |          |                     |                    | m I            |              | $\perp$      | I        |          | L                  |  |  |
|            | 96       |          |                     | $oldsymbol{\perp}$ |                | $\perp$      |              | $\perp$  | 1        | $\perp$            |  |  |
|            | 97       |          |                     | _                  | $\perp$        | $\perp$      | 丄            | $\bot$   | 4-       | $oldsymbol{\perp}$ |  |  |
|            | 98       |          | Щ                   | _                  | 4              | +            | _            | +        | ╀.       | ╀                  |  |  |
| ļ          | 99       |          | $\vdash \downarrow$ | -                  | 4              | +            |              | +        | +        | +                  |  |  |
| - 1        | HO       |          |                     |                    |                |              |              |          |          |                    |  |  |

| _   |          |               |   |   | _      |   | _ |         |   |   |    | _ | _ |     | _       | _       |   |
|-----|----------|---------------|---|---|--------|---|---|---------|---|---|----|---|---|-----|---------|---------|---|
| Cla | im       |               |   |   |        |   | ا | Dat     | е |   | _  |   |   |     | _       | _       |   |
|     | 7        |               |   | 1 | -      |   | ı | ]       |   | ļ |    | 1 |   |     |         | ١       |   |
| ਜ਼  | ij       |               |   |   | İ      |   | ١ | -       |   | 1 |    | 1 |   | l   | 1       | -       |   |
| ם   | Original |               |   | ı |        |   |   |         |   |   |    |   |   |     | $\perp$ |         |   |
|     | 101      |               |   | Τ | $\neg$ |   | T |         | Г | ٦ |    |   |   |     |         |         |   |
|     | 102      |               | Г | Т |        |   | 1 |         | Γ |   |    | Т |   |     |         |         |   |
|     | 103      |               | Т | 1 |        |   | 1 |         | Γ | 7 |    | Т | _ | Г   | Т       | ٦       |   |
|     | 104      | 1             | Г | + |        | _ | 1 |         | Г | ┪ | _  | Ť |   | Г   | T       |         |   |
|     | 105      |               | _ | Ť | _      | Г | 7 |         | Γ |   |    | T |   | Г   | T       |         |   |
|     | 106      | -             | Г | + |        | Г | 1 |         | Г |   |    | 1 |   | Γ   | 1       |         | i |
| _   | 107      |               | Г | Ť |        | Г | ٦ |         | Γ |   | Γ  | T |   | Γ   | T       |         |   |
| _   | 108      |               | T | 1 | _      |   | 1 |         | Γ |   |    | 1 |   | Γ   | 7       |         |   |
|     | 109      |               | Γ | 7 |        |   | ٦ |         | T |   |    | T |   | Ī., |         |         |   |
|     | 110      |               | 1 | Ť |        | Γ |   |         | Γ |   | Г  | 1 |   |     |         |         |   |
|     | 111      |               | Τ | 1 |        | Ī | ٦ |         | Γ |   | Г  | T |   |     | Ţ       |         |   |
|     | 112      | 2             | Τ | T |        | Γ |   |         | T |   | Γ  | 7 |   | T   |         |         | ] |
|     | 113      |               | T | 1 | _      | T |   |         | T | _ | Γ  | Ţ |   | T   | T       |         | 1 |
|     | 114      |               | T | 7 |        | T | ٦ |         | T |   |    |   |   | Τ   | ٦       |         | ] |
|     | 115      |               | t | 7 |        | T |   |         | t | _ | T  | ٦ |   | T   | ٦       |         | 1 |
| _   | 116      |               | T | 7 | _      | T |   |         | T |   | Γ  | ٦ |   | T   |         |         | ] |
| _   | 113      | 7             | T | 7 | _      | T |   | -       | T |   | Γ  | Ī |   | T   |         |         | ] |
|     | 111      | 8             | T | 7 |        | T | _ |         | Ţ |   | Γ  |   |   | Т   |         |         | 7 |
| _   | 11       | -             | T | 1 |        | T |   |         | T |   |    | ٦ |   |     |         |         | ] |
| _   | 120      | _             | T | ┪ | _      | T |   |         | T |   | Ţ  |   |   | T   |         |         | 1 |
| _   | 12       |               | + | ┪ |        | t | _ |         | † | _ | t  | 7 |   | 1   |         |         | 1 |
|     | 12       |               | T | 1 |        | T | _ | Γ       | † | _ | T  | _ | _ | Ť   |         |         | 1 |
| Т   | 12       | $\overline{}$ | Ť | 1 |        | † |   |         | † |   | t  |   | Г | 1   |         |         | 1 |
| _   | 12       | _             | † |   | _      | Ť | _ |         | 1 |   | Ī. |   |   | 1   |         |         | 1 |
| _   | 12       | 5             | Ť |   |        | 1 |   |         | 1 | _ | T  |   | Г | Ī   |         | Γ       | 7 |
| Г   | 12       |               | 1 |   | Г      | T |   |         | T |   | T  |   | Γ | Т   |         | Г       | ] |
| T   | 12       |               | 1 |   | _      | T |   | 1       | 1 |   | T  |   | Γ | T   |         |         | 7 |
| Г   | 12       |               | T |   | Г      | 1 |   | Γ       | T |   | Ī  |   | Γ |     |         |         |   |
| Г   | 12       | 9             | 1 | _ |        | 1 |   | Т       | 7 | _ | T  |   | Γ | 1   |         | Г       | 7 |
| _   | 13       | ю             | 1 |   | Γ      | 1 |   | T       | 7 |   | T  |   |   |     |         | Γ       | ] |
| 1   | 13       |               | 1 |   | Г      | 1 |   |         | 7 |   | Ţ  |   |   | 1   |         |         | ] |
| Г   |          | 32            | 1 |   |        | 1 |   | Т       | ٦ |   | 1  |   | Γ |     |         |         |   |
| Γ   |          | 33            | T |   | Γ      | T |   | Τ       | ٦ | Γ | T  |   | Γ | ٦   |         |         |   |
| Γ   |          | 34            | 1 |   | Г      | Ţ |   | Τ       |   |   | Ţ  |   |   |     |         | L       |   |
| T   | 13       | 35            | 1 |   | Γ      | 1 |   |         |   |   |    |   |   |     |         |         | ╛ |
| Г   | 13       | 36            | T | _ | Γ      | 1 |   | L       |   | L |    |   |   |     | _       | L       | ╛ |
| Γ   | 1:       | 37            |   |   |        |   |   | L       |   | L | 1  |   | L | ╛   |         | 上       | ╛ |
|     | 13       | 38            |   |   | L      |   |   |         |   | L | _  |   | ļ |     |         | Ļ       | _ |
|     | 1:       | 39            |   |   |        |   | _ | $\perp$ | _ |   |    | _ | 1 | _   |         | Ļ       | 4 |
| Γ   | 14       | 40            |   |   |        |   |   |         |   | L |    |   |   |     | L       | L       | ╝ |
| Г   | 1        | 41            | 1 |   | Τ      |   |   | T       |   | Γ |    |   |   |     |         | 1       |   |
| r   | 1        | 42            |   |   | T      | ٦ |   |         |   |   |    |   |   |     | L       | L       | ╛ |
| r   |          | 43            |   |   | Τ      | _ |   | Ι       |   | Ĺ |    |   | I | _   | Ĺ       | 1       |   |
|     | 1        | 44            | 7 |   | T      |   |   | I       |   |   |    |   | Ι |     |         |         | ╛ |
| r   |          | 45            |   | _ | İ      | _ |   |         |   | Ι |    |   | Ι |     | Ĺ       | I       | _ |
| T   | 1        | 46            |   |   | Ι      |   |   | I       | _ | Ĺ |    |   | 1 |     | L       | 1       |   |
| Γ   | 1        | 47            |   |   | T      |   |   | I       |   |   |    |   |   |     | L       | $\perp$ |   |
| T   |          | 48            |   |   | Ť      | _ |   | Ι       |   | Γ |    |   | I |     |         | I       |   |
| 1   | 7        | 49            |   |   | Ţ      |   | L | Ι       | _ | I |    |   | Ţ |     | Ĺ       |         |   |
|     | 1        | 50            |   |   | T      |   | Ĺ | Ĺ       |   | L |    | L | 1 |     | L       | _       |   |
| _   | _        |               |   |   |        |   |   |         |   |   |    |   |   |     |         |         |   |

If more than 150 claims or 10 actions staple additional sheet here

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